L Number	Hits	Search Text	DB	Time stamp
5	2	("5886659").PN.	USPAT;	2003/07/11 11:14
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
6	2	("5898168").PN.	IBM_TDB USPAT;	2003/07/11 11:14
0		(3030100).FN.	US-PGPUB;	2003/07/11 11:14
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
7	368	348/294.ccls.	USPAT;	2003/07/11 12:38
		•	US-PGPUB;	
			EPO; JPO; DERWENT;	
			IBM TDB	
8	272	348/311.ccls.	USPAT;	2003/07/11 12:38
		0.10, 0.11, 0.010	US-PGPUB;	2000, 01, 11 12100
			EPO; JPO;	
		*	DERWENT;	
		050/000 1	IBM_TDB	0000/07/11
9	1900	250/208.1.ccls.	USPAT;	2003/07/11 12:39
			US-PGPUB; EPO; JPO;	
			DERWENT;	
			IBM TDB	
10	454	257/291.ccls.	USPAT;	2003/07/11 12:39
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
11	496	257/292.ccls.	IBM_TDB USPAT;	2003/07/11 12:39
	150	2017232.0010.	US-PGPUB;	2003/07/11 12:33
			EPO; JPO;	
			DERWENT;	
1.0	511	057 (020 3	IBM_TDB	0000/05/44 40 00
12	511	257/239.ccls.	USPAT; US-PGPUB;	2003/07/11 12:39
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	55	, .F	USPĀT;	2003/07/09 14:35
		state) same (reset\$3) and (FD or floating	US-PGPUB;	
		adjl diffusion) and vertical\$3 same horizontal\$3 same (register\$1 or shift\$3)	EPO; JPO;	
		norizontals3 same (registers1 or shifts3) and output\$3 same (amplifi\$3) and camera\$1	DERWENT; IBM TDB	
-	17728	koizumi, \$.in. and photoelectric with	USPAT;	2003/07/09 14:31
		conversion and amplification	US-PGPUB;	
		-	EPO; JPO;	
			DERWENT;	
	,	gourge game extendion some (-110	IBM_TDB	2002/07/00 14 2:
-		source same overflow same (pixel\$ or sensor\$1) and negative with (potential)	USPAT; US-PGPUB;	2003/07/09 14:34
		same (transfer\$3)	EPO; JPO;	
		, , , , , , , , , , , , , , , , , , , ,	DERWENT;	
			IBM_TDB	
-	97	'I ''	USPĀT;	2003/07/09 14:37
		state) and (reset\$3) and (FD or floating	US-PGPUB;	
		adj1 diffusion) and vertical\$3 same horizontal\$3 same (register\$1 or shift\$3	EPO; JPO; DERWENT;	
		or current\$1 or voltage\$1) and output\$3	IBM TDB	
		same (amplifi\$3) and camera\$1	12.1_122	
-	69	348/\$.ccls. and (koizumi, \$.in. and	USPAT;	2003/07/09 14:38
		photoelectric with conversion and	US-PGPUB;	
		amplification)	EPO; JPO;	
			DERWENT;	
L	<u> </u>	L .	IBM_TDB	

_	0	(348/\$.ccls. and (koizumi, \$.in. and photoelectric with conversion and amplification)) and ((pixel\$1 or APS or ccd or solid adj1 state) and (reset\$3) and (FD or floating adj1 diffusion) and vertical\$3 same horizontal\$3 same (register\$1 or shift\$3 or current\$1 or voltage\$1) and output\$3 same (amplifi\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/09 14:38
-	2	and camera\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/07/09 14:40
-	31	(348/\$.ccls. and (koizumi, \$.in. and photoelectric with conversion and amplification)) and pixel\$1	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/07/09 14:41
_	1	source\$1 same overflow\$3 and negative with (potential) same (transfer\$3) and vertical same (voltage\$1) same (current\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/07/09 16:08
_	1055	reset\$3 same (FD or floating diffusion) same (pixel\$1 or sensor\$1 or solid adj1 state or CCD\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/07/09 17:23
-	51	(reset\$3 same (FD or floating diffusion) same (pixel\$1 or sensor\$1 or solid adj1 state or CCD\$1)) and ((pixel\$1 or APS or ccd or solid adj1 state) and (reset\$3) and (FD or floating adj1 diffusion) and vertical\$3 same horizontal\$3 same (register\$1 or shift\$3 or current\$1 or voltage\$1) and output\$3 same (amplifi\$3) and camera\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/09 14:50
	370	348/308.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/07/09 15:09
-	56	348/308.ccls. and (reset\$3 same (FD or floating diffusion) same (pixel\$1 or sensor\$1 or solid adj1 state or CCD\$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/07/09 15:17
-	46	depression with transistor\$1 same transfer\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/07/09 15:23
_	1	<pre>(depression with transistor\$1 same transfer\$3) and (reset\$3 same (FD or floating diffusion) same (pixel\$1 or sensor\$1 or solid adj1 state or CCD\$1))</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/07/09 15:20
-	0	(depression with transistor\$1 same transfer\$3) and 348/308.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/07/09 15:20
-	0	(depression with transistor\$1 same transfer\$3) and 250/208.1.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/07/09 15:21

transfer33 and 257/\$1.ccls.					
	-	0	(depression with transistor\$1 same		2003/07/09 15:21
-			transfer\$3) and 257/\$.1.ccls.		
8 (depression with transistor\$1 same transfer\$3) and 257/S.ccls. USPAT: US-PGFUB; EPG, JPC; DERMENT; LEM TDB Cambras\$1 USPAT: U					
B (depression with transistor\$1 same transfer\$3 and (pixel) same (APS) and CDFRFT (APS)					
	_	8	(depression with transistor\$1 same	_	2003/07/09 15:21
Property					2003/07/03 13.21
DERMENT; IND TOB					
-	İ				
transfer\$3 and (pixel) same (APS) and					
Camera\$1	-	0	depression with transistor\$1 same		2003/07/09 15:25
- 0 depression same transistor\$1 same transfer\$3 and (pixel) same (APS) and camera\$1 - 11 depression same transistor\$1 same transfer\$3 and (pixel) rot cops (power transfer\$3 and (pixel\$1 or CCD\$1) - 12 depression same transistor\$1 and (floating or diffusion) and negative and (pixel\$1 or CCD\$1) - 22 depression same transistor\$1 and (pixel\$1 or CCD\$1) - 23 depression same transistor\$1 and negative and (pixel\$1 or CCD\$1) - 24 depression same transistor\$1 and negative and (pixel\$1 or CCD\$1) - 25 depression same transistor\$1 and negative and (pixel\$1 or cops (pixel\$1) or cops (pixel\$2) or cops (pixel\$3) or cops (transfer\$3 and (pixel) same (APS) and	US-PGPUB;	
- 0 depression same transistors1 same transfers3 and (pixel) same (APS) and camera\$1 SAPAT; US-PGFUB; CAMERON CAME			camera\$1		
-					
transfer\$3 and (pixel) same (APS) and camera\$1					
camera\$1	-	0			2003/07/09 15:25
DERWENT: IBM TDB USPĀT: USP-CPUB; EPO; JPO; DERWENT: IBM TDB USPĀT: USP-CPUB; EPO; JPO; DERWENT: IBM TDB USPĀT: U		i			
11 depression same transistor\$1 same transfer\$3 and (PIXel\$1 or CCD\$1)			Cameragi		
-				1	
transfer\$3 and (PIXel\$1 or CCD\$1)	_	11	depression same transistor\$1 same		2003/07/09 15:30
- 22 depression same transistor\$1 and (floating or diffusion) and negative and (PIXel\$1 or CCD\$1) - 72 depression same transistor\$1 and negative and (PIXel\$1 or CCD\$1) - 72 depression same transistor\$1 and negative and (PIXel\$1 or CCD\$1) - 73 depression same transistor\$1 and negative and (PIXel\$1 or CCD\$1) - 74 depression same transistor\$1 and negative buspar; depression same (PIXel\$1 or CCD\$1) - 75 depression same (PIXel\$1 or Sensor\$1 or Solid adj1 state or CCD\$1) - 8 and overflow\$3 and negative\$1 or sensor\$1 or solid adj1 state or CCD\$1) - 9 and overflow\$3 and negative\$1 same (voltage\$1 or potential\$1) - 18 output\$3 with (vertical\$1) with (line\$1 or register\$1) with (current\$3) and (reset\$3 same (FD or floating diffusion) same (pixel\$1 or sensor\$1 or solid adj1 state or CCD\$1) - 18 output\$3 with (vertical\$1) with (line\$1 or register\$1) with (current\$3] and (reset\$3 same (FD or floating diffusion) same (pixel\$1) soutput\$3 with (vertical\$1) with (line\$1 or register\$1) source\$1 same overflow\$3 same (potential\$1) - 18 output\$3 with (vertical\$1) with (line\$1 or register\$1) with (current\$3] and (reset\$3 same (FD or floating diffusion) same (pixel\$1) and (camera\$1) - 15 source\$1 same overflow\$3 same (potential\$1) same transfer\$3 and (CCD or MOS or APS or pixel\$1) and (camera\$1) - 15 source\$1 same overflow\$3 same (potential\$1) usPAT; usPegus; epo; JPO; DERWENT; lim TDB USPĀT; usPegus; epo; JPO; DERWE					2003, 07, 03 13.30
22 depression same transistor\$1 and (floating or diffusion) and negative and (PIXel\$1 or CCD\$1) USPAT; US-PCPUB; EPO; JPO; DERMENT; IBM TDB USPAT; USPAT				EPO; JPO;	
depression same transistor\$1 and (floating or diffusion) and negative and (PIXel\$1 or CCD\$1)				DERWENT;	
Or diffusion) and negative and (PIXel\$1 or CCD\$1)					
CCD\$1)	-	22			2003/07/09 15:33
- 72 depression same transistor\$1 and negative and (PIXel\$1 or CCD\$1) - 1 (348/308.ccls. and (reset\$3 same (FD or floating diffusion) same (pixel\$1 or sensor\$1 or solid adj1 state or CCD\$1) - 1 (348/308.ccls. and (reset\$3 same (FD or floating diffusion) same (pixel\$1 or sensor\$1 or solid adj1 state or CCD\$1)) and overflow\$3 and negative\$1 same (pixel\$1 or sensor\$1 or solid adj1 state or CCD\$1)) same (pixel\$1 or sensor\$1 or solid adj1 uspaper) - 53 (reset\$3 same (FD or floating diffusion) same (pixel\$1 or sensor\$1 or solid adj1 uspaper)					
Tem TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPU			CCD\$1)		
T2 depression same transistor\$1 and negative and (PIXel\$1 or CCD\$1) USPĀT; US-PGPUB; EPO; JPO; DERWENT; IEM TDB USPĀT USPĀT USPĀT USPĀT USPĀT USPĀT USPĀT USPĀT USPĀT; US-PGPUB; EPO; JPO; DERWENT; IEM TDB USPĀT; US-PGPUB; EPO; JPO; DERWE				· ·	
and (PIXel\$1 or CCD\$1)	1_	72	denression same transistor\$1 and nogative		2003/07/00 15.52
- 1 (348/308.ccls. and (reset\$3 same (FD or floating diffusion) same (pixel\$1 or sensor\$1 or solid adj1 state or CCD\$1)) and overflow\$3 and negative\$1 same (voltage\$1 or potential\$1)		/2			2003/07/09 13:32
			and (lineifl of cobfl)		
1		1			
floating diffusion) same (pixel\$1 or sensor\$1 or solid adj1 state or CCD\$1)) and overflow\$3 and negative\$1 same (voltage\$1 or potential\$1) (reset\$3 same (FD or floating diffusion) same (pixel\$1 or sensor\$1 or solid adj1 state or CCD\$1) and overflow\$3 and negative\$1 same (voltage\$1 or potential\$1) (uSPAT; uS-PGPUB; EPC, JPC) same (voltage\$1 or potential\$1) (uSPAT; uS-PGPUB; EPC, JPC) same (voltage\$1 or potential\$1) (uSPAT; uS-PGPUB; EPC, JPC) same (FD or floating diffusion) same (pixel\$1 or sensor\$1 or solid adj1 state or CCD\$1) source\$1 same overflow\$3 same (potential) same transfer\$3 and (CCD or MOS or APS or pixel\$1) and (camera\$1) (uSPAT; uSPAT; u				· ·	
sensor\$1 or solid adj1 state or CCD\$1))	_	1	(348/308.ccls. and (reset\$3 same (FD or	USPĀT;	2003/07/09 15:53
and overflow\$3 and negative\$1 same (voltage\$1 or potential\$1) (reset\$3 same (FD or floating diffusion) same (pixel\$1 or sensor\$1 or solid adj1 us-PGPUB; state or CCD\$1)) and overflow\$3 and negative\$1 same (voltage\$1 or potential\$1) (US-PGPUB; EPO; JPO; DERWENT; IEM TDB USPĀT; US-PGPUB; same (FD or floating diffusion) same (pixel\$1 or sensor\$1 or solid adj1 state or CCD\$1)) source\$1 same overflow\$3 and (reset\$3 same (FD or floating diffusion) same (pixel\$1 or sensor\$1 or solid adj1 state or CCD\$1) source\$1 same overflow\$3 same (potential) same transfer\$3 and (CCD or MOS or APS or pixel\$1) and (camera\$1) (US-PGPUB; EPO; JPO; DERWENT; IEM TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; IEM TDB USPĀT (US-PGPUB; EPO; JPO; DERWENT; IEM TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; EPO;		-		US-PGPUB;	
TIME TOB USPĀT; USPĀT USPĀT USPĀT; USPĀT USPĀ			sensor\$1 or solid adj1 state or CCD\$1)))		
S3					
Same (pixel\$1 or sensor\$1 or solid adj1 state or CCD\$1)) and overflow\$3 and negative\$1 same (voltage\$1 or potential\$1) DERWENT; IBM_TDB USPAT; USP					0000/07/00 15 56
State or CCD\$1) and overflow\$3 and negative\$1 same (voltage\$1 or potential\$1) DERWENT; IBM TDB	-	33			2003/07/09 15:56
negative\$1 same (voltage\$1 or potential\$1)					
- 18 output\$3 with (vertical\$1) with (line\$1 or register\$1) with (current\$3) and (reset\$3 same (FD or floating diffusion) same (pixel\$1 or sensor\$1 or solid adj1 state or CCD\$1) source\$1 same overflow\$3 same (potential) same transfer\$3 and (CCD or MOS or APS or pixel\$1) and (camera\$1) US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPĀT US-PGPUB; EPO; JPO; DERWENT; IS-S625412" "5534963" "542047").PN. reset\$3 same (FD or floating adj1 diffusion or float\$3) same (pixel\$1 or sensor\$1 or solid adj1 state or CCD\$1) US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB US-PGPUB; EPO; JPO; DERWENT; IBM TDB US-PGPUB; EPO; JPO; DERWENT; EPO; JPO; DERWENT; IBM TDB US-PGPUB; EPO; JPO; DERWENT; EPO; JPO; DERWENT; DERWENT; DERWENT; OR CCD\$1) DERWENT;					
- 18 output\$3 with (vertical\$1) with (line\$1 or register\$1) with (current\$3) and (reset\$3 same (FD or floating diffusion) same (pixel\$1 or sensor\$1 or solid adj1 state or CCD\$1)) - 15 source\$1 same overflow\$3 same (potential) same transfer\$3 and (CCD or MOS or APS or pixel\$1) and (camera\$1) - 3 6054704.URPN 15 ("4779004" "4809075" "4839729" USPAT USPA		1	, (,o-oogo, - or bocomeration)		
register\$1) with (current\$3) and (reset\$3 same (FD or floating diffusion) same (pixel\$1 or sensor\$1 or solid adj1 state or CCD\$1) 15 source\$1 same overflow\$3 same (potential) same transfer\$3 and (CCD or MOS or APS or pixel\$1) and (camera\$1) 15 source\$1 same overflow\$3 same (potential) usPAT; usPGPUB; EPO; JPO; DERWENT; IBM_TDB usPAT 16 same transfer\$3 and (CCD or MOS or APS or pixel\$1) and (camera\$1) 17 usPAT usPAT 18 same transfer\$3 and (CCD or MOS or APS or pixel\$1) and (camera\$1) 18 same transfer\$3 and (camera\$1) 19 source\$1 same overflow\$3 same (potential) usPAT; usPAT 10 same transfer\$3 and (camera\$1) 10 spAT usPAT 10 usPAT; usPAT	-	18	output\$3 with (vertical\$1) with (line\$1 or		2003/07/09 15:58
			register\$1) with (current\$3) and (reset\$3	US-PGPUB;	
or CCD\$1)) source\$1 same overflow\$3 same (potential) same transfer\$3 and (CCD or MOS or APS or pixel\$1) and (camera\$1) - 3 6054704.URPN 15 ("4779004" "4809075" "4839729" "4975864" "5034633" "5299032" "5319263" "5420631" "5432335" "5471515" "5563405" "5591973" "5625412" "5739562" "5742047").PN 1007 reset\$3 same (FD or floating adj1 diffusion or float\$3) same (pixel\$1 or sensor\$1 or solid adj1 state or CCD\$1) - 234 348/\$.ccls. and (reset\$3 same (FD or floating adj1 diffusion or float\$3) same (pixel\$1 or sensor\$1 or solid adj1 state or CCD\$1) - 234 348/\$.ccls. and (reset\$3 same (FD or floating adj1 diffusion or float\$3) same (pixel\$1 or sensor\$1 or solid adj1 state or CD\$1) - 234 348/\$.ccls. and (reset\$3 same (FD or floating adj1 diffusion or float\$3) same (pixel\$1 or sensor\$1 or solid adj1 state or CD\$1) - 234 348/\$.ccls. and (reset\$3 same (FD or float\$3) same (pixel\$1 or sensor\$1 or solid adj1 state or CD\$1) - 235 248/\$.ccls. and (reset\$3 same (FD or float\$3) same (pixel\$1 or sensor\$1 or solid adj1 state or CD\$1)		1			
15		1			
Same transfer\$3 and (CCD or MOS or APS or pixel\$1) and (camera\$1)		1.5			0000/07/55 55
pixel\$1) and (camera\$1) Pixel\$1) and (camera\$1)	-	15			2003/07/09 16:11
DERWENT; IBM_TDB USPAT USPA	1	1			
- 3 6054704.URPN 15 ("4779004" "4809075" "4839729" USPAT USPAT 2003/07/09 16:15 "4975864" "5034633" "5299032" "5319263" "5420631" "5432335" "5471515" "5563405" "5591973" "5625412" "5739562" "5742047").PN 1007 reset\$3 same (FD or floating adj1 diffusion or float\$3) same (pixel\$1 or sensor\$1 or solid adj1 state or CCD\$1) - 234 348/\$.ccls. and (reset\$3 same (FD or floating adj1 diffusion or float\$3) same (pixel\$1 or sensor\$1 or solid adj1 state or CCD\$1) - 234 348/\$.ccls. and (reset\$3 same (FD or floating adj1 diffusion or float\$3) same (pixel\$1 or sensor\$1 or solid adj1 state or CCD\$1) - CCD\$1))	1	1	Priority and (camerati)		
- 3 6054704.URPN 15 ("4779004" "4809075" "4839729" USPAT USPAT 2003/07/09 16:15 2003/07/09 17:16 "4975864" "5034633" "5299032" "5471515" "5563405" "5591973" "5625412" "5739562" "5742047").PN 1007 reset\$3 same (FD or floating adj1 diffusion or float\$3) same (pixel\$1 or sensor\$1 or solid adj1 state or CCD\$1) - 234 348/\$.ccls. and (reset\$3 same (FD or floating adj1 diffusion or float\$3) same (pixel\$1 or sensor\$1 or solid adj1 state or CCD\$1) - 234 348/\$.ccls. and (reset\$3 same (FD or float\$3) same (pixel\$1 or sensor\$1 or solid adj1 state or CCD\$1) - 234 348/\$.ccls. and (reset\$3 same (FD or float\$3) same (pixel\$1 or sensor\$1 or solid adj1 state or CCD\$1) - 24 348/\$.ccls. and (reset\$3 same (FD or float\$3) same (pixel\$1 or sensor\$1 or solid adj1 state or CCD\$1) - 25 34 348/\$.ccls. and (reset\$3 same (FD or float\$3) same (pixel\$1 or sensor\$1 or solid adj1 state or CCD\$1)		1		1	
- 15 ("4779004" "4809075" "4839729" USPAT 2003/07/09 17:16 "4975864" "5034633" "5299032" "5319263" "5420631" "5432335" "5471515" "5563405" "5742047").PN. - 1007 reset\$3 same (FD or floating adj1 diffusion or float\$3) same (pixel\$1 or sensor\$1 or solid adj1 state or CCD\$1)	-	3	6054704.URPN.		2003/07/09 16:15
"4975864" "5034633" "5299032" "5319263" "5420631" "5432335" "5471515" "5563405" "5591973" "5625412" "5739562" "5742047").PN. reset\$3 same (FD or floating adj1 diffusion or float\$3) same (pixel\$1 or sensor\$1 or solid adj1 state or CCD\$1) 234 348/\$.ccls. and (reset\$3 same (FD or floating adj1 diffusion or float\$3) same (pixel\$1 or sensor\$1 or solid adj1 state or CCD\$1) 234 348/\$.ccls. and (reset\$3 same (FD or floating adj1 diffusion or float\$3) same (pixel\$1 or sensor\$1 or solid adj1 state or CCD\$1) 26	-	_			
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- 1007 reset\$3 same (FD or floating adj1 diffusion or float\$3) same (pixel\$1 or sensor\$1 or solid adj1 state or CCD\$1) USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; (pixel\$1 or sensor\$1 or solid adj1 state or CCD\$1) DERWENT; DERWENT; Or CCD\$1)			l '		
diffusion or float\$3) same (pixel\$1 or sensor\$1 or solid adj1 state or CCD\$1) 234 348/\$.ccls. and (reset\$3 same (FD or floating adj1 diffusion or float\$3) same (pixel\$1 or sensor\$1 or solid adj1 state (pixel\$1 or sensor\$1 or solid adj1 state (pixel\$1)) US-PGPUB; EPO; JPO; US-PGPUB; US-PGPUB; EPO; JPO; DERWENT;		1.22-			
sensor\$1 or solid adj1 state or CCD\$1) EPO; JPO; DERWENT; IBM_TDB USPAT; floating adj1 diffusion or float\$3) same (pixel\$1 or sensor\$1 or solid adj1 state (pixel\$1 or sensor\$1 or solid adj1 state or CCD\$1)) EPO; JPO; US-PGPUB; EPO; JPO; DERWENT;	-	1007			2003/07/10 10:22
DERWENT; IBM_TDB USPAT; floating adj1 diffusion or float\$3) same (pixel\$1 or sensor\$1 or solid adj1 state (pixel\$1) DERWENT; US-PGPUB; EPO; JPO; DERWENT;		1		1	
348/\$.ccls. and (reset\$3 same (FD or floating adj1 diffusion or float\$3) same (pixel\$1 or sensor\$1 or solid adj1 state or CCD\$1) IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;		1	sensoral or solid adji state or CCD\$1)		
- 234 348/\$.ccls. and (reset\$3 same (FD or floating adj1 diffusion or float\$3) same (USPAT; US-PGPUB; (pixel\$1 or sensor\$1 or solid adj1 state or CCD\$1)) Control or CCD\$1)	1	1			
floating adj1 diffusion or float\$3) same US-PGPUB; (pixel\$1 or sensor\$1 or solid adj1 state EPO; JPO; or CCD\$1)) DERWENT;	-	234	348/\$.ccls. and (reset\$3 same (FD or		2003/07/09 17:25
(pixel\$1 or sensor\$1 or solid adj1 state EPO; JPO; or CCD\$1)) DERWENT;					2003/01/09 11.23
or CCD\$1)) DERWENT;		1			
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	1300	, , ,	US-PGPUB;	2000,01,03 17.25
			EPO; JPO;	
			DERWENT;	
_	453	257/291.ccls.	USPAT;	2003/07/09 17:25
			US-PGPUB;	
			EPO; JPO;	·
			DERWENT; IBM TDB	
_	496	257/292.ccls.	USPAT;	2003/07/09 17:25
			US-PGPUB;	
			EPO; JPO; DERWENT;	
			IBM_TDB	
_	511	257/239.ccls.	USPAT;	2003/07/09 17:25
			US-PGPUB; EPO; JPO;	
			DERWENT;	
	67	240/2011-	IBM_TDB	0000/05/00 45 04
-	67	348/301.ccls.	USPAT; US-PGPUB;	2003/07/09 17:26
			EPO; JPO;	
			DERWENT;	
_	87	348/307.ccls.	IBM_TDB USPAT;	2003/07/09 17:26
	"	340/307.0013.	US-PGPUB;	2003/07/09 17:26
			EPO; JPO;	
			DERWENT;	
_	34	(348/\$.ccls. and (reset\$3 same (FD or	IBM_TDB USPAT;	2003/07/09 17:35
		floating adj1 diffusion or float\$3) same	US-PGPUB;	2000,01,03 1,100
		(pixel\$1 or sensor\$1 or solid adj1 state	EPO; JPO;	
		or CCD\$1))) and 250/208.1.ccls.	DERWENT; IBM TDB	
_	50	(reset\$3 same (FD or floating adj1	USPAT;	2003/07/09 17:36
		diffusion or float\$3) same (pixel\$1 or	US-PGPUB;	
		sensor\$1 or solid adj1 state or CCD\$1)) and 348/308.ccls.	EPO; JPO; DERWENT;	
		and 540/500.ccis.	IBM TDB	
-	2411	negative same (potential\$1 or voltage\$1)	USPAT;	2003/07/10 10:22
		<pre>same (transfer) same (gate or transistor\$1)</pre>	US-PGPUB; EPO; JPO;	
		Clans13coly1)	DERWENT;	
			IBM_TDB	
-	43	(reset\$3 same (FD or floating adj1 diffusion or float\$3) same (pixel\$1 or	USPAT;	2003/07/09 17:54
		sensor\$1 or solid adj1 state or CCD\$1))	US-PGPUB; EPO; JPO;	
		and (negative same (potential\$1 or	DERWENT;	
		<pre>voltage\$1) same (transfer) same (gate or transistor\$1))</pre>	IBM_TDB	
-	51	(negative same (potential\$1 or voltage\$1)	USPAT;	2003/07/09 17:56
		same (transfer) same (gate or	US-PGPUB;	
		transistor\$1)) and (reset\$3) same (FD or float\$3 or floating adj1 diffusion\$1) and	EPO; JPO;	
		(sensor\$1 or pixel\$1 or APS) and (CCD or	DERWENT; IBM TDB	
		MOS)	_	
-	4	(koizumi\$1 or kochi\$1).in. and (overflow)	USPAT;	2003/07/09 17:58
1		and reset\$3 with switch\$1	US-PGPUB; EPO; JPO;	
			DERWENT;	
1_	_	(pivolė) and was and suids and (success)	IBM_TDB	0000/08/05
	2	<pre>(pixel\$1) and vgs and oxide and (overflow) and reset\$3 with switch\$1</pre>	USPAT; US-PGPUB;	2003/07/09 18:03
			EPO; JPO;	
		٠	DERWENT;	
_	0	buried adj1 photodiode and VGS and MOS	IBM_TDB USPAT;	2003/07/09 18:04
		same follower and photodiode	US-PGPUB;	2000/01/09 10:04
			EPO; JPO;	
			DERWENT; IBM TDB	
Search Wie		/11/02 12:20:24 PM Page 4	מעד נייטיד	

-	13	buried adj1 photodiode and MOS same follower and photodiode	USPAT; US-PGPUB;	2003/07/09 18:14
			EPO; JPO; DERWENT; IBM TDB	
-	85		USPĀT;	2003/07/09 18:14
		diffusion or float\$3) same (pixel\$1 or sensor\$1 or solid adjl state or CCD\$1))	US-PGPUB; EPO; JPO;	
		and 257/239.ccls.	DERWENT; IBM TDB	
-	2412	negative same (potential\$1 or voltage\$1) same (transfer) same (gate or	USPĀT; US-PGPUB;	2003/07/10 10:23
		transistor\$1)	EPO; JPO;	
			DERWENT; IBM_TDB	
-	1009	reset\$3 same (FD or floating adj1 diffusion or float\$3) same (pixel\$1 or	USPAT; US-PGPUB;	2003/07/10 12:42
		sensor\$1 or solid adj1 state or CCD\$1)	EPO; JPO; DERWENT;	
_	43	(negative same (potential\$1 or voltage\$1)	IBM_TDB USPAT;	2003/07/10 10:55
	45	same (transfer) same (gate or	US-PGPUB;	2003/07/10 10:55
		transistor\$1)) and (reset\$3 same (FD or floating adj1 diffusion or float\$3) same	EPO; JPO; DERWENT;	
		(pixel\$1 or sensor\$1 or solid adj1 state or CCD\$1))	IBM_TDB	
_	2976	reset\$3 same (FD or floating adj1 diffusion or float\$3) and (pixel\$1 or	USPAT; US-PGPUB;	2003/07/10 15:15
		sensor\$1 or solid adj1 state or CCD\$1)	EPO; JPO; DERWENT;	
	3.5		IBM_TDB	0000/07/10 10 51
	75	same (transfer) same (gate or	USPAT; US-PGPUB;	2003/07/10 12:51
		transistor\$1)) and (reset\$3 same (FD or floating adj1 diffusion or float\$3) and	EPO; JPO; DERWENT;	
		<pre>(pixel\$1 or sensor\$1 or solid adj1 state or CCD\$1))</pre>	IBM_TDB	
-	108	348/304.ccls.	USPAT; US-PGPUB;	2003/07/10 13:01
			EPO; JPO;	
			DERWENT; IBM_TDB	
_	13	floating adj1 diffusion or float\$3) and	USPAT; US-PGPUB;	2003/07/10 12:52
		(pixel\$1 or sensor\$1 or solid adj1 state or CCD\$1))	EPO; JPO; DERWENT;	
_	237	(reset\$3 same (FD or floating adj1	IBM_TDB USPAT;	2003/07/10 12:52
		diffusion or float\$3) and (pixel\$1 or sensor\$1 or solid adj1 state or CCD\$1))	US-PGPUB; EPO; JPO;	
		and 348/3\$3.ccls.	DERWENT;	
_	16	1 ' '	IBM_TDB USPAT;	2003/07/10 12:59
		diffusion or float\$3) and (pixel\$1 or sensor\$1 or solid adjl state or CCD\$1))	US-PGPUB; EPO; JPO;	
		and 348/3\$3.ccls.) and negative same transfer\$1 same (gate\$1 or transistor\$1)	DERWENT; IBM TDB	
-	133		USPĀT; US-PGPUB;	2003/07/10 14:26
		(pixel\$1 or sensor\$1 or solid adj1 state or CCD\$1)	EPO; JPO; DERWENT;	
	4	(348/302.ccls. and (reset\$3 same (FD or	IBM_TDB USPAT;	2002/07/10 14:22
	4	floating adj1 diffusion or float\$3) and	US-PGPUB;	2003/07/10 14:32
		<pre>(pixel\$1 or sensor\$1 or solid adj1 state or CCD\$1))) and overflow\$3 and negative</pre>	EPO; JPO; DERWENT;	
_	5	(348/302.ccls. and (reset\$3 same (FD or	<pre>IBM_TDB USPAT;</pre>	2003/07/10 14:32
		floating adj1 diffusion or float\$3) and (pixel\$1 or sensor\$1 or solid adj1 state	US-PGPUB; EPO; JPO;	
		or CCD\$1))) and negative same (transfer\$3)	DERWENT; IBM TDB	
	L	1	1	<u> </u>

-	36	348/302.ccls. and (reset\$3 same (FD or	USPAT;	2003/07/10 15:00
		floating adj1 diffusion or float\$3) and	US-PGPUB;	
		(pixel\$1 or sensor\$1 or solid adj1 state	EPO; JPO;	
		or CCD\$1))	DERWENT;	ł
			IBM_TDB	
-	107311	"36" and current with output\$3	USPAT;	2003/07/10 15:02
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
_	15	' ' ' ' ' ' ' ' ' '	USPAT;	2003/07/10 15:02
•		floating adj1 diffusion or float\$3) and	US-PGPUB;	
		(pixel\$1 or sensor\$1 or solid adj1 state	EPO; JPO;	Ì
		or CCD\$1))) and current with output\$3	DERWENT;	
	270	(TD	IBM_TDB	
_	378	reset\$3 same (FD or floating adj1	USPAT;	2003/07/10 16:22
		diffusion or float\$3) and (pixel\$1 or	US-PGPUB;	
		sensor\$1 or solid adj1 state or	EPO; JPO;	
		photodiode\$1) same (CMOS)	DERWENT;	
_	2	overflow\$3 and negative same transfer\$3	IBM_TDB	2003/07/10 15:29
_		over110w33 and negative same transfer33	USPAT;	2003/07/10 15:29
		and (reset\$3 same (FD or floating adj1 diffusion or float\$3) and (pixel\$1 or	US-PGPUB;	
		sensor\$1 or solid adj1 state or	EPO; JPO; DERWENT;	
		photodiode\$1) same (CMOS))	IBM TDB	
-	8	("5097305" "5260592" "5512950"	USPAT	2003/07/10 15:39
		"5576763" "5587596" "5608243"	OSFAI	2003/07/10 13:39
		"5619049" "5710446").PN.		
-	13	("5471515" "5587596" "5608243"	USPAT	2003/07/10 15:56
		"5625210" "5631704" "5721425"	ODIAI	2003/07/10 13:30
		"5760458" "5786623" "5789774"		
		"5838650" "5847422" "5881184"		
		"5949061").PN.		
_	19	("4333111" "4413284" "4484210"	USPAT	2003/07/10 15:58
		"4809075" "4908518" "4984047"		
		"5051797" "5060245" "5115458"		
		"5182623" "5202907" "5235196"		
*		"5235198" "5256891" "5306931"		
		"5337340" "5359213" "5399889"		
		"5471515").PN.		
_	172	5471515.URPN.	USPAT	2003/07/10 16:00
_	23	("3836862" "4249122" "4463383"	USPAT	2003/07/10 16:12
		"4466018" "4585956" "4676761"		
		"4794247" "5043820" "5083016"		
		"5296696" "5345266" "RE34908"		
		"5471515" "5541402" "5576763"		
		"5587596" "5608243" "5710446"		
		"6054704" "6130423" "6157016"		
		"6163023" "6166767").PN.		000040-415
_	9	("4107474" "4274113" "4385321"	USPAT	2003/07/10 16:18
		"4390791" "4405857" "4445117"		
_	7	"4495409" "4583002" "4808822").PN.	Hanzm	2002/07/10 15 1
_	166	RE34908.URPN.	USPAT	2003/07/10 16:18
-	166	, , , , , , , , , , , , , , , , , , , ,	USPAT;	2003/07/11 10:20
		diffusion or float\$3) and (pixel\$1 or	US-PGPUB;	
		sensor\$1 or solid adj1 state or	EPO; JPO;	
		photodiode\$1) same (CMOS) and output\$3 near20 current\$1	DERWENT;	
_	4	near20 currents ("5581077" "5742047" "5821528"	IBM_TDB	0000/07/40 40 50
_	4	("5581077" "5742047" "5821528" "6091280").PN.	USPAT	2003/07/10 17:50
_	1	6201270.URPN.	IICDATE	2002/07/10 17:51
	L 1	OZOIZIO.OREM.	USPAT	2003/07/10 17:51